

LOCATION: Decker Primo 1A RCRA EXEMPT WASTES: Yes ☒ No ☐
PIT TYPE: DHP P-19-32N-10W

FLOW TO PIT STOPPED: 8-30-94 - (NO REPLACEMENT, REMOVED DEHY)

ACREAGE TYPE: ☒ FEDERAL ☐ JICARILLA ☐ NAVAHO ☐ STATE ☐ FEE

SITE ASSESSMENT

1) Groundwater Depth: > 100' Ranking Score 0
Basis: ELEVATION VS. WASH ELEVATION

2) Wellhead Protection Area:
Distance To Water Sources: > 1000' Private Domestic Water Sources: > 200'
Basis: DISTANCE TO H₂O SOURCES 0

3) Distance To Surface Body of Water: > 1000' Horiz.
Basis: DISTANCE TO OPEN H₂O 0

Total Score: 0

Soil Characteristic

☐ Highly Contaminated/Saturated☒ Unsaturated Contaminated

RANKING CRITERIA

GUIDELINE REMEDIATION LEVELS

Depth to Groundwater	Wellhead Protection Area	Distance to Surface Water Body	Rank
	<1000' from water source or < 200' from private domestic water source		
	Score	Score	
<50 ft	20 yes	20 <200' horiz	20
<50 - 99	10 no	200 - 1000' horiz	10
>100 ft	0	>1000' horiz.	0

Total Ranking Score			
	>19	10-19	0-9
Benzene (ppm)	10	10	10
BTEX (ppm)	50	50	50
Field Headspace			
Method for BTEX	100	100	100
TPH (ppm) **	100	1,000	5,000

** Concentration above background

DEFINITION OF CONTAMINATION

Depth Excavated: 1/2'Full Excavation: ☒ Maximum Extent Practicable

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLE RESULTS NOTES" FORM

Groundwater Encountered: Yes ☐ No ☒

If yes, approximate depth: _____

Groundwater Sampling? ☐ Yes ☒ NoWhere was gw sample taken? Denny R. Faust

Attach GW Sample Results

DEPUTY OIL & GAS INSPECTOR

JUN 18 1996

NOTES:

RECEIVED
MAR 18 1996
OIL CON. DIV.
DIST. 8

Soil Treated Onsite

Date Remediation Started: 8-30-74

☐ In Situ Bio

☐ w/vapor venting

☒ Landfarmed

☐ Composted

☒ Composting Venting ☐ Landfarmed ☐ Composted	
Date: <u>8-30-94</u>	Date: _____
Description	Description
Tilled	Amount/Rate
Nutrients	EXCAVATE - LAND FARM SOIL
Moisture	
Bulking Agent	
Organic Material	

Date: _____		Date: _____	
Description	Amount/Rate	Description	Amount/Rate
Nutrients			
Moisture			
Bulking Agent			
Organic Material			

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLING RESULTS NOTES" FORM

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SOIL TREATED/HANDLED OFFSITE

TO SITE(ATTACH MANIFEST)

Where Treated:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

Quantity Disposed At Envirotech:

FROM SITE (ATTACH MANIFEST)

To This Location From:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

NAL CLOSURE

BTEX: 1 ppm (From Headspace Analysis)

TPH: 443 ppm (From Lab Results)

Revegetated:

yes ☐

до

Active Well or Facility Pad:

yes ☒

DO ☐

NOTES: 8.30.94 - EXCAVATED DHP 30' X 34' X 16' DEPTH - LANDFARMED
ON LOCATION. LEFT PIT OPEN w/ FENCE. DISC LANDFARM 9-10, 9-13,
9-19, 9-20, 9-21, 9-22, 9-23, 9-26, 10-3 & 10-7. LEFT PIT OPEN & FENCED,
CONTINUE LANDFARMING. 5.31.95 SAMPLED PIT BOTTOM & LANDFARM SPT COMPOSITE
& DVA ANALYSIS BELOW REQUIREMENTS. 7.7.95 CLOSED PIT AS
GUIDELINES.

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT: Ducke Ponds 1A TYPE OF PIT: Dehy Pit

DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	8/30/94	5/31/95	5/31/95	5/31/95	5/31/95	5/31/95	5/31/95	5/31/95	5/31/95
LOCATION OF SAMPLE	DHP	DHP BOTTOM	DHP FAST SIDE	DHP NORTH SIDE	DHP WEST SIDE	DHP SOUTH SIDE	DHP SIDE	DHP SIDE	LANDFARM
TYPE OF SAMPLE: (GRAB/COMPOSITE)	Comp	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	COMPOSITE
DEPTH OF SAMPLE(S)	0-4'	13'	13'	13'	13'	16'	16'	16'	71°
TEMPERATURE OF SAMPLE	76°F	68°	58°	68°	67°	62°	62°	62°	71°
FIELD METHOD RESULTS (PPMS)									
TPH VAPORS (EQUIV UNITS)	609ppm	5.0	2.0	4.0	2.0	15	2	2	2
BENZENE RESPONSE FACTOR	.47	.47	.47	.47	.47	.47	.47	.47	.47
ADJUSTED FOR BENZENE EQUIV UNITS	286	2	1	2	1	7	1	1	1
LAB RESULTS IN PPM: METHOD (418.1 OR MOD 8015)	418.1	11	11	11	11	11	11	11	418.1
TPH	12,800								443
NOTES		← TPH COMPOSITE		303		TPH COMPOSITE		TPH COMPOSITE OF LANDFARM	

**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1****Conoco Inc.**

Project: Soil TPH
Matrix: Soil
Condition: Intact/Cool

Date Reported: 06/08/95
Date Sampled: 05/31/95
Date Received: 05/31/95
Date Extracted: 06/07/95
Date Analyzed: 06/08/95

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
#1 Decker Primo #1A DHP	G00623	303	20
#2 Decker Primo #1A DHP Landfarm	G00624	443	19
#3 Decker Primo #1 Sep Pit Landfarm	G00625	827	19
#4 Decker Primo #1 Sep Pit	G00626	2,150	94
#5 Nye Com #1 DHP #1	G00627	ND	18
#6 Nye Com #1 DHP #2	G00628	780	19
#7 Nye Com #1 Sep #2	G00629	86.0	18
#8 Nye Com #1 Sep #2 Landfarm	G00630	202	20
#9 Nye Com #1 DHP #1 Landfarm	G00631	76.1	19
#10 Nye Com #1 DHP #2 Landfarm	G00632	ND	18
#11 Nye Com 1E TDP	G00633	26.2	20
#12 Nye Com 1E TDP Landfill	G00634	443	19

ND - Analyte not detected at stated detection level.

References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: Anna Schauer

Reviewed: MK

**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1**

Conoco Inc.

Project: Soil TPH
Matrix: Soil
Condition: Intact/Cool

Date Reported: 09/08/94
Date Sampled: 08/30/94
Date Received: 08/30/94
Date Extracted: 09/2-7/94
Date Analyzed: 09/2-7/94

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
Decker Primo 1A Sep	G01395	650	18
Decker Primo 1A DHP	G01396	12,800	500
Decker Primo 1A TDP	G01397	ND	19

ND - Analyte not detected at stated detection level.

References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: Anna Schaefer

Reviewed: RC

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: Decker Primo 1A S 19 T 32N R 10W UNIT P

DATE STARTED: 8/30/94

DATE COMPLETED: _____

SAN JUAN COUNTY

